

**ABSTRACT**

5 A method of treatment of disease by inhibition of cellular secretory  
processes is provided. The method has particular application in the  
treatment of diseases dependent upon the exocytotic activity of endocrine  
cells, exocrine cells, inflammatory cells, cells of the immune system, cells  
of the cardiovascular system, and bone cells. Agents and compositions  
therefor, as well as methods for manufacturing these agents and  
10 compositions, are provided. In a preferred embodiment a clostridial  
neurotoxin, substantially devoid of holotoxin binding affinity for neuronal  
cells of the presynaptic muscular junction, is associated with a targeting  
moiety. The targeting moiety is selected such that the clostridial toxin  
conjugate so formed may be directed to a non-neuronal target cell to which  
15 the conjugate may bind. Following binding, a neurotoxin component of the  
conjugate, which is capable of inhibition of cellular secretion, passes into  
the cytosol of the target cell by cellular internalisation mechanisms.  
Thereafter, inhibition of secretion from the target cell is effected.